



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/708,226	02/18/2004	REN-HAO LIU	12528-US-PA	2225
31561	7590	10/07/2004	EXAMINER	
JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE 7 FLOOR-1, NO. 100 ROOSEVELT ROAD, SECTION 2 TAIPEI, 100 TAIWAN			QUIETT, CARRAMAH J	
			ART UNIT	PAPER NUMBER
			2612	

DATE MAILED: 10/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/708,226	<b>Applicant(s)</b> LIU, REN-HAO	
	<b>Examiner</b> Carramah J. Quiett	<b>Art Unit</b> 2612	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 18 February 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Harris et al. (U.S. #5,584,070).

As for claim 1, Harris discloses a portable communication device, called “Wireless Pager with Separable Receiver Unit and Transmitter Unit” (Title and Abstract). Harris’ portable communication device comprises: a casing (fig. 3, ref. 104 or 124) with a transmitter unit and a receiver unit where both serve as a host module (fig. 2, ref. 46) set inside the casing. As shown in figure 2, a transmitter (64) and a receiver (44) serve as the wireless communication module, set inside the casing and electrically connected to the host module for transmitting/receiving a communication signal (Abstract and fig. 2); an image-capturing unit (fig. 3, ref. 66) set on (fig. 3, ref. 126) the casing and electrically connected (fig. 2, ref. 70, 92, 94, 96) to the host module for capturing an optical image of an object (col. 5, lines 12- 14); the receiver unit and the transmitter unit also serve as a man-machine interface (col. 4, lines 33-46; col. 5, lines 30-37), set on the casing and electrically connected to the host module for controlling the host module (fig. 2); an acoustic-controlled camera module, set inside the casing (fig. 2, ref. 62) and connected to the host module (fig. 2, ref. 50, 64, 92) for controlling the image-capture unit; and a

voice-input unit set on the casing and electrically connected to the acoustic camera module for receiving a voice message (col. 4, lines 61-67; col. 5, lines 20-37).

As for claim 2, Harris additionally discloses the portable communication device of claim 1, wherein the device further comprises a first connecting port set on the casing and is electrically connected to the host module, and the connecting port with image-capturing unit has a second a removable electrical connection to the first connecting port (fig. 2, ref. 70, 92, 94, 96; col. 5, lines 50-60).

As for claim 3, Harris further discloses the portable communication device of claim 1, wherein the man-machine interface comprises an instruction-input unit (col. 4, lines 33-46).

As for claim 4, Harris further discloses the portable communication device of claim 1, wherein the man-machine interface comprises a voice-output unit (fig. 2, ref. 54).

As for claim 5, Harris further discloses the portable communication device of claim 1, wherein the man-machine interface comprises an image-output unit (fig. 2, ref. 52).

As for claim 6, Harris further discloses the portable communication device of claim 1, wherein the man-machine interface comprises an instruction-input unit and an image-output unit (fig. 2, ref. 52, 54).

As for claim 7, Harris further discloses the portable communication device of claim 6, wherein the instruction-input unit is integrated with the image-output unit for a touch-control display screen (col. 4, lines 33-46; col. 6, lines 33-47).

*Conclusion*

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patents

5,701,258	Harris	5,893,037	Reele et al.
6,009,336	Harris	6,023,241	Clapper
6,327,570	Stevens		

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carramah J. Quiett whose telephone number is (703) 305-0566. The examiner can normally be reached on 8:00-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy Garber can be reached on (703) 305-4929. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

C.J.Q.  
9-28-2004

  
NGOC-YEN VU  
PRIMARY EXAMINER